

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/540,846
Source: IFWP
Date Processed by STIC: 06/21/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 06/21/2006

PATENT APPLICATION: US/10/540,846

TIME: 10:16:53

Input Set : E:\ARS-111 seq-listing.replace.txt

Output Set: N:\CRF4\06212006\J540846.raw

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3 <110> APPLICANT: Bienkowska, Jadwiga
4   Mcallister, Gregg
6 <120> TITLE OF INVENTION: NOVEL FIBULIN-LIKE POLYPEPTIDES
8 <130> FILE REFERENCE: ARS-111
10 <140> CURRENT APPLICATION NUMBER: US 10/540,846
11 <141> CURRENT FILING DATE: 2005-06-27
13 <150> PRIOR APPLICATION NUMBER: US 60/436,786
14 <151> PRIOR FILING DATE: 2002-12-27
16 <160> NUMBER OF SEQ ID NOS: 4
18 <170> SOFTWARE: PatentIn version 3.1
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22 <212> TYPE: DNA
23 <213> ORGANISM: homo sapiens
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26 <221> NAME/KEY: misc_feature
27 <222> LOCATION: (50)..(2582)
28 <223> OTHER INFORMATION: SCS0007 polynucleotide coding sequence
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67 tgtgttcagt ggggtggtg acgagtgtac cacctgtgtt tgccagaatg gggaggtgga     1140
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85 cgtgtgccga gactgcaact acgaggaag gaaggtggcg aatggccagg tgttcacctt 1680
87 ggatgatgaa cctgcaccc ggtgcacgtg ccagctggga gaggtgagct gtgagaaggt 1740
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115 gtggttaagt agcatccacc tttacccac tgctggggag aaaagctggc accaaattgt 2580
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124 <212> TYPE: PRT
125 <213> ORGANISM: homo sapiens
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132 Pro Gly Ala Pro Ala Arg Gly Tyr Thr Gly Arg Lys Pro Pro Gly His
133 20 25 30
135 Phe Ala Ala Glu Arg Arg Arg Leu Gly Pro His Val Cys Leu Ser Gly
136 35 40 45
138 Phe Gly Ser Gly Cys Cys Pro Gly Trp Ala Pro Ser Met Gly Gly Gly
139 50 55 60
141 His Cys Thr Leu Pro Leu Cys Ser Phe Gly Cys Gly Ser Gly Ile Cys
142 65 70 75 80
144 Ile Ala Pro Asn Val Cys Ser Cys Gln Asp Gly Glu Gln Gly Ala Thr
145 85 90 95
147 Cys Pro Glu Thr His Gly Pro Cys Gly Glu Tyr Gly Cys Asp Leu Thr
148 100 105 110
150 Cys Asn His Gly Gly Cys Gln Glu Val Ala Arg Val Cys Pro Val Gly
151 115 120 125
153 Phe Ser Met Thr Glu Thr Ala Val Gly Ile Arg Cys Thr Asp Ile Asp
154 130 135 140
156 Glu Cys Val Thr Ser Ser Cys Glu Gly His Cys Val Asn Thr Glu Gly
157 145 150 155 160
159 Gly Phe Val Cys Glu Cys Gly Pro Gly Met Gln Leu Ser Ala Asp Arg
160 165 170 175
162 His Ser Cys Gln Asp Thr Asp Glu Cys Leu Gly Thr Pro Cys Gln Gln

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166			195					200					205				
168	Phe	His	Leu	His	Gly	Asn	Arg	His	Ser	Cys	Val	Asp	Val	Asn	Glu	Cys	
169		210					215					220					
171	Arg	Arg	Pro	Leu	Glu	Arg	Arg	Val	Cys	His	His	Ser	Cys	His	Asn	Thr	
172	225					230					235					240	
174	Val	Gly	Ser	Phe	Leu	Cys	Thr	Cys	Arg	Pro	Gly	Phe	Arg	Leu	Arg	Ala	
175				245					250							255	
177	Asp	Arg	Val	Ser	Cys	Glu	Gly	Ala	Leu	Ser	Pro	Pro	Asp	Trp	Gln	Gln	
178			260						265					270			
180	Gly	Pro	Leu	Pro	Ala	Gly	Thr	Trp	Glu	Pro	Cys	Met	Asn	Gln	Gly	Val	
181			275					280					285				
183	Ala	Gly	Gln	Ser	Leu	Gly	Val	Pro	Ser	Ala	Gly	Ala	Arg	Leu	Glu	Thr	
184		290					295					300					
186	Cys	Arg	Ala	Cys	Phe	Val	Ser	Val	Leu	Leu	Ala	Arg	Val	Arg	Pro	Pro	
187	305					310					315					320	
189	Ile	Lys	Thr	Asp	Cys	Cys	Thr	Cys	Val	Pro	Val	Arg	Cys	Tyr	Phe	His	
190				325					330					335			
192	Gly	Arg	Trp	Tyr	Ala	Asp	Gly	Ala	Val	Phe	Ser	Gly	Gly	Gly	Asp	Glu	
193				340				345					350				
195	Cys	Thr	Thr	Cys	Val	Cys	Gln	Asn	Gly	Glu	Val	Glu	Cys	Ser	Phe	Met	
196			355					360					365				
198	Pro	Cys	Pro	Glu	Leu	Ala	Cys	Pro	Arg	Glu	Glu	Trp	Arg	Leu	Gly	Pro	
199		370					375					380					
201	Gly	Gln	Cys	Cys	Phe	Thr	Cys	Gln	Glu	Pro	Thr	Pro	Ser	Thr	Gly	Cys	
202	385					390					395					400	
204	Ser	Leu	Asp	Asp	Asn	Gly	Val	Glu	Phe	Pro	Ile	Gly	Gln	Ile	Trp	Ser	
205				405					410						415		
207	Pro	Gly	Asp	Pro	Cys	Glu	Leu	Cys	Ile	Cys	Gln	Ala	Asp	Gly	Ser	Val	
208			420					425					430				
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211			435				440						445				
213	Ile	Pro	Gly	Gln	Cys	Cys	Pro	Asp	Cys	Ser	Ala	Ala	Gly	Ala	Gln	Arg	
214		450					455					460					
216	Met	Leu	Ser	Leu	Ala	Gly	Cys	Thr	Tyr	Thr	Gly	Arg	Ile	Phe	Tyr	Asn	
217	465					470					475					480	
219	Asn	Glu	Thr	Phe	Pro	Ser	Val	Leu	Asp	Pro	Cys	Leu	Ser	Cys	Ile	Cys	
220				485					490					495			
222	Leu	Leu	Gly	Ser	Val	Ala	Cys	Ser	Pro	Val	Asp	Cys	Pro	Ile	Thr	Cys	
223			500					505					510				
225	Thr	Tyr	Pro	Phe	His	Pro	Asp	Gly	Glu	Cys	Cys	Pro	Val	Cys	Arg	Asp	
226			515					520					525				
228	Cys	Asn	Tyr	Glu	Gly	Arg	Lys	Val	Ala	Asn	Gly	Gln	Val	Phe	Thr	Leu	
229		530					535					540					
231	Asp	Asp	Glu	Pro	Cys	Thr	Arg	Cys	Thr	Cys	Gln	Leu	Gly	Glu	Val	Ser	
232	545					550					555					560	
234	Cys	Glu	Lys	Val	Pro	Cys	Gln	Arg	Ala	Cys	Ala	Asp	Pro	Ala	Leu	Leu	
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237 Pro Gly Asp Cys Cys Ser Ser Cys Pro Asp Ser Leu Ser Pro Leu Glu
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240 Glu Lys Gln Gly Leu Ser Pro His Gly Asn Val Ala Phe Ser Lys Ala
241          595          600          605
243 Gly Arg Ser Leu His Gly Asp Thr Glu Ala Pro Val Asn Cys Ser Ser
244          610          615          620
246 Cys Pro Gly Pro Pro Thr Ala Ser Pro Ser Arg Pro Val Leu His Leu
247 625          630          635          640
249 Leu Gln Leu Leu Leu Arg Thr Asn Leu Met Lys Thr Gln Thr Leu Pro
250          645          650          655
252 Thr Ser Pro Ala Gly Ala His Gly Pro His Ser Leu Ala Leu Gly Leu
253          660          665          670
255 Thr Ala Thr Phe Pro Gly Glu Pro Gly Ala Ser Pro Arg Leu Ser Pro
256          675          680          685
258 Gly Pro Ser Thr Pro Pro Gly Ala Pro Thr Leu Pro Leu Ala Ser Pro
259          690          695          700
261 Gly Ala Pro Gln Pro Pro Pro Val Thr Pro Glu Arg Ser Phe Ser Ala
262 705          710          715          720
264 Ser Gly Ala Gln Ile Val Ser Arg Trp Pro Pro Leu Pro Gly Thr Leu
265          725          730          735
267 Leu Thr Glu Ala Ser Ala Leu Ser Met Met Asp Pro Ser Pro Ser Lys
268          740          745          750
270 Thr Pro Ile Thr Leu Leu Gly Pro Arg Val Leu Ser Pro Thr Thr Ser
271          755          760          765
273 Arg Leu Ser Thr Ala Leu Ala Ala Thr Thr His Pro Gly Pro Gln Gln
274          770          775          780
276 Pro Pro Val Gly Ala Ser Arg Gly Glu Glu Ser Thr Met Leu Ser Arg
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287 <212> TYPE: DNA
288 <213> ORGANISM: homo sapiens
290 <400> SEQUENCE: 3
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303 acagacattg acgaatgtgt aacctcctcc tgcgagggcc actgtgtgaa cacagaaggt      420
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307 gacactgacg aatgcctagg gactccctgt cagcagagat gtaaaaacag cattggcagc      540
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327 cggctggggc ctgggcagtg ttgcttcacc tgccaggagc ccacaccctc gacaggctgc      1140
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367 ggccccccagc agccccagc gggggcttct cggggggaag agtccaccat gttgtctcgg      2340
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372 <210> SEQ ID NO: 4

373 <211> LENGTH: 798

374 <212> TYPE: PRT

375 <213> ORGANISM: homo sapiens

377 <400> SEQUENCE: 4

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386          35          40          45
388 Pro Leu Cys Ser Phe Gly Cys Gly Ser Gly Ile Cys Ile Ala Pro Asn
389          50          55          60
391 Val Cys Ser Cys Gln Asp Gly Glu Gln Gly Ala Thr Cys Pro Glu Thr
392 65          70          75          80
394 His Gly Pro Cys Gly Glu Tyr Gly Cys Asp Leu Thr Cys Asn His Gly
395          85          90          95
397 Gly Cys Gln Glu Val Ala Arg Val Cys Pro Val Gly Phe Ser Met Thr
398          100         105         110
400 Glu Thr Ala Val Gly Ile Arg Cys Thr Asp Ile Asp Glu Cys Val Thr
401          115         120         125
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